



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1645
Examiner : Albert Mark Navarro
Serial No. : 09/755,456
Filed : January 5, 2001
Inventors : Frederic Delbac
: Christian Vivares
: Antoine Danchin
Title : MICROSPORIDIAN POLAR
: TUBE PROTEINS, NUCLEIC
: ACIDS CODING FOR THESE
: PROTEINS AND THEIR
: APPLICATIONS



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PATENT & TRADEMARK OFFICE

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Docket No.: 1566-00

Confirmation No.: 5009

Dated: February 19, 2003

AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Official Action dated September 19, 2002, Applicants amend as follows:

In the Specification (Marked-Up Version)

On page 5, please replace the second full paragraph with the following:

In a second stage, the studies performed on the two purified proteins from *E. cuniculi* (55 and 35 kDa) comprised subjecting them to internal microsequencing after digestion with Endolysine C. Two peptides were sequenced in this manner (P1: ATALCSNAYGLTPGQQGMAC (SEQ ID No: 6) and P2: SATQYAMEACATPTP (SEQ ID No: 7)) for the 55-kDa protein and one peptide (P3: AVQGTDRCILAGIID (SEQ ID No.: 8)) for the 35-kDa protein. It was possible using degenerated primers to amplify a part of the corresponding genes.

On page 17, please replace the fourth and fifth paragraphs with the following:

The N-terminal sequence as well as two internal peptides (P1 (SEQ ID No: 6) and P2 (SEQ ID No: 7)) were sequenced for the PTP55 of *E. cuniculi*.

N-terminal: ATALCSNAYG (SEQ ID No: 9)